INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39142

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : A01N 63/00; C12N 1/00, 1/20 US CL : 424/93, 44, 93, 45; 435/252, 4, 252, 9, 822, 853, 885			
US CL: 424/93, 44, 93.45; 435/252.4, 252.9, 822, 853, 885 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/93, 44, 93.45; 435/252.4, 252.9, 822, 853, 885			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
х	US 5,340,577 A (NISBET et al.) 23 August 1994(23	3.08.1994), see abstract and column 3,	1-30
Y	lines 39-40.		1-30
x	US 5,308,615 A (DELOACH et al.) 03 May 1994(0 lines 10-50.	3.05.1994), see abstract, and column 3,	1-30
Y	11.00 10 50.		1-30
A	US 6,500,467 B2 (OLSHENITSKY et al.) 31 December 2002, see abstract and column 4, all lines.		
Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of cited documents: T		"T" later document published after the interna	
"A" document particular	defining the general state of the art which is not considered to be of relevance	and not in conflict with the application by principle or theory underlying the inventi	ion
	dication or palent published on or after the international filing date	"X" document of particular relevance; the cla considered novel or cannot be considered when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined	
"O" document	referring to an oral disclosure, use, exhibition or other means	with one or more other such documents, to a person skilled in the art	such combination being obvious
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search		Date of mailing of the international search report	
27 July 2005 (27.07.2005)		1 T AUC 2000	
Name and mailing address of the ISA/US		Authorized officer	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450		Dewran Water Paul	exce you
Alexandria, Virginia 22313-1450 Telephone No. (571) 272-1600 Facsimile No. (703) 305-3230			-
- Georgian 110. (102) 302-3220			

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